

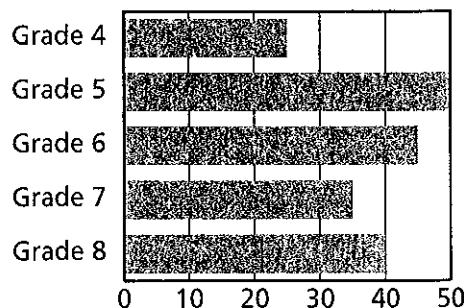
Below are the ages of the people who work at a pizza restaurant. Use the set of ages for questions 1–5.

Venucci's Pizza Parlor				
Ages of Employees				
18	23	31	34	17
21	20	23	27	35

- The sum of the ages of the employees is 249. How can you use this sum to find the mean age?
  - Divide 249 by 5.
  - Divide 249 by 10.
  - Subtract 17 from 35.
  - Find the middle age when the ages are put in order from least to greatest.
- What is the range of the ages?  
**Answer:** \_\_\_\_\_
- What is the mode?  
**Answer:** \_\_\_\_\_
- What is the median?  
**Answer:** \_\_\_\_\_
- If the company hires another person, does the median age change?
  - Yes.
  - No.
  - It depends on the number of people who work for the company.
  - It depends on the age of the person who is hired.

Sari's school cleaned up the city parks. Use the data on the graph for questions 6–8.

**Bags of Trash Collected**



- How many modes does this data set have?
  - none
  - 1
  - 2
  - 5
- Find the mean (average) number of bags collected.  
**Answer:** \_\_\_\_\_
- The third grade collected 30 bags of trash. If you add this information to the graph, how does the median number of bags change?
  - It increases.
  - It decreases.
  - It doubles.
  - It stays the same.

Below are the test scores of some students on a history test. Use the set of scores for questions 9–12.

History Test Scores				
65	70	75	70	80
80	95	60	70	65

- 9 What is the mean score?

Answer: \_\_\_\_\_

- 10 How many students have scores that are above average? (Use the mean.)

- (A) 3                      (C) 5  
(B) 4                      (D) 6

- 11 What is the median score?

- (A) 67.5                  (C) 72.5  
(B) 70                    (D) 75

- 12 What is the mode?

Answer: \_\_\_\_\_

